Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 06 Dec 2021 until 23:59 on Tuesday 07 Dec 2021

Forecast Issued on Sunday 05 Dec 2021 at 13:15

Confidence: High for unsettled weather with showers or longer spells of rain or snow. Some particularly hazardous hill conditions on Tuesday.

Headline for Monday 06 Dec 2021: Rain, sleet or snow clearing to bright spells and wintry showers in afternoon. Cold and windy.

Mountain weather hazards on Monday 06 Dec 2021

Blizzards
Low Likelihood

Heavy Snow
Low Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Heavy snow	Heavy snow	Light snow	Light snow showers	Heavy snow showers (night)	Heavy snow showers (night)
Precipitation probability							
<05%	20%	90%	90%	60%	40%	40%	40%

Forecast for Monday 06 Dec 2021

Weather: A few hours of sleet or snow during the morning, heavy for a time, but mostly falling as rain below 300m. This will clear eastwards early in the afternoon followed by bright or clear spells and a few sleet or snow showers, with snow settling above about 600m. A small risk of hail and thunder in the showers later. Feeling bitterly cold at height.

Chance of cloud free mountain/hill tops above 600m: Effectively zero chance in the morning, 40-60% in showers in afternoon and evening with cloud occasionally shrouding the tops.

Visibility: Very poor in the morning with cloud down to 300 or 400m, blizzards on the tops, but cloud lifting in afternoon. Becoming generally good in the afternoon, but poor at times with low cloud on the tops as showers move through from the west.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Monday 06 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/15 S	13/22 S	20/29 S	21/30 S	13/21 SW	15/23 W	17/26 W	17/26 W	16/25 W
300	3/11 SE	6/17 S	11/23 S	12/27 S	9/23 W	9/23 W	11/26 W	12/26 W	11/26 W
Valley	3/7 SE	6/19 S	11/25 S	12/28 S	6/16 W	8/18 NW	7/18 W	8/21 W	7/19 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-3	1/-4	0/-6	-0/-7	0/-5	0/-5	-0/-7	-1/-7	-1/-7
300	2/0	2/-1	2/-2	1/-4	2/-1	2/-2	2/-3	1/-3	1/-4
Valley	3/2	4/1	4/0	3/-1	4/2	4/1	3/0	3/-0	3/-0
Freezing Level*	800m	700m	700m	500m	700m	600m	500m	500m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A bitterly cold day up in the hills with a few centimetres of fresh snow settling above about 500 or 600m. Winds may gust 40mph at times on summits above 600m.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 05 Dec 2021	0mm	0mm	0mm

Forecast for Tuesday 07 Dec 2021

Weather: Wintry showers dying out overnight with clear spells and a frost developing. A dry and bright start but conditions will deteriorate. A spell of sleet or snow and very strong winds from around midday onwards with blizzards and drifting over high ground. Sleet or snow becoming more showery by dusk but some showers heavy with hail and thunder possible.

Maximum wind: South or Southeast 15-20mph, increasing to mean speed 35-45mph with gusts 55-65mph. Severe wind chill.

Chance of cloud free mountain/hill tops above 600m: 90% at first, becoming 0 to 10% by midday as snow arrives.

Visibility: Very good for most of the morning but deteriorating quickly early afternoon. Extensive cloud developing above 400m with blizzard conditions limiting visibility to a few metres at times.

Temperature: **Valleys:** Minus 1C rising to Plus 2 or 3C.
At 600m: Minus 1C.
Freezing level: 300m, rising to 500m in evening.

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